



Sri Lakshmi Narayana Institute of Medical Sciences

**OSUDU, AGARAM VILLAGE, VILLIANUR COMMUNE, KUDAPAKKAM POST,
PUDUCHERRY – 605 502**

Date 26.02.2022

From
Dr.S.Rajini
Professor and Head,
Department of Community Medicine,
Sri Lakshmi Narayana Institute of Medical Sciences
Bharath Institute of Higher Education and Research,
Puducherry

To
The Dean,
Sri Lakshmi Narayana Institute of Medical College
Bharath Institute of Higher Education and Research,
Puducherry

Sub: Permission to conduct value-added course: PALLIATIVE CARE

Respected Madam,

With reference to the subject mentioned above, the department proposes to conduct a value-added course titled: **BENEFITS OF YOGA** from March 2022-August 2022. We solicit your kind permission for the same.

Kind Regards

Rajini S
PROFESSOR & HOD
DEPARTMENT OF COMMUNITY MEDICINE
Sri Lakshmi Narayana Institute Of Medical Sciences
PUDUCHERRY - 605 502.

HEAD OF THE DEPARTMENT



Sri Lakshmi Narayana Institute of Medical Sciences
OSUDU, AGARAM VILLAGE, VILLIANUR COMMUNE, KUDAPAKKAM POST,
PUDUCHERRY – 605 502

FOR THE USE OF DEANS OFFICE

Names of Committee members for evaluating the course:

The Dean: Dr Jayalakshmi

The HOD: Dr Rajini

The Expert: Dr. Kannan

The committee has discussed about the course and is approved.

Resource person 1

HEAD OF THE DEPARTMENT

Resource person 2

Dr. G. JAYALAKSHMI, BSC., MBS., GFCO., M.D.,
DEAN
Sri Lakshmi Narayana Institute of Medical Sciences
Osudu, Agaram, Kudapakkam Post,
Villanur Commune, Puducherry - 605502.

DEAN



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POST, PUDUCHERRY - 605 502

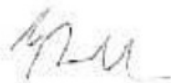
Circular

27-2-2022

Sub: Organising Value-added Course: Benefits of Yoga course-reg

With reference to the above mentioned subject, it is to bring to your notice that Sri Lakshmi Narayana Institute of Medical Sciences, Bharath Institute of Higher Education and Research, is organising "Benefits of Yoga course" from March 7th, 2022

The application must reach the institution along with all the necessary documents as mentioned. The hard copy of the application should be sent to the institution by registered/ speed post only so as to reach on or before 1st March 2022 Applications received after the mentioned date shall not be entertained under any circumstances.


Dr. S. Jeyalakshmi, MSc, MPhil, PhD, M.D.,
DEAN
Sri Lakshmi Narayana Institute of Medical Sciences
Osudu, Agaram, Villianur Post,
Villianur Taluk, Puducherry - 605 502

Dean

VALUE ADDED COURSE

1. Name of the programme & Code

Benefits of yoga and exercise and PSM01

2. Duration & Period

30 hrs & March 2022 – August 2022

3. Information Brochure and Course Content of Value Added Courses

Enclosed as Annexure- I

4. List of students enrolled

Enclosed as Annexure- II

5. Assessment procedures:

Multiple choice questions- *Enclosed as Annexure- III*

6. Certificate model

Enclosed as Annexure- IV

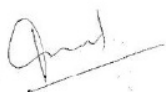
7. No. of times offered during the same year: 1

8. Year of discontinuation: - 2022

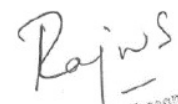
9. Summary report of each program year-wise

Value Added Course- March 2022 – Aug 2022					
Sl. No	Course Code	Course Name	Resource Persons	Target Students	Strength & Year
1	PSM01	Benefits of yoga and exercise	Dr.Rajini.S Dr. Kameshvel.C Dr.Kannan.K	III rd MBBS	12 (March22 – August 22)

10. Course Feed Back *Enclosed as Annexure- V*



RESOURCE PERSON



PROFESSOR & HOD
DEPARTMENT OF COMMUNITY MEDICINE
St. Luthard's Medical Institute of Medical Sciences
PONDICHERRY - 605 002.

COORDINATOR

Course Proposal

Course Title: “Benefits of Yoga”

Course Objective: To know the Benefits of Yoga and gain knowledge about the various health aspects of asanaas

To learn different asanaas

Course Outcome: To apply the knowledge gained in various Benefits of Yogas

Course Audience: III MBBS students

Course Coordinator: Dr. Rajini.S

Course Faculties with Qualification and Designation:

1. Dr. Rajini.S Professor
2. Dr. Kameshvell.C Associate Professor
3. Dr. K. Kannan, Assistant Professor

Course Curriculum/Topics with schedule (Min of 30 hours)

SINo	Date	Topic	Faculty	Time	Hours
1	7-3-22	Introduction to Benefits of Yoga	Dr. Rajni	4-5p.m	1
2	14-3-22	Surya – Namaskar	Dr. Kannan	4-6p.m	2
3	21-3-22	Anjaneya – asana	Dr. Kameshvell	2-4p.m	2
4	28-3-22	Baddha Kona Asana	Dr. Rajini.J	4-6p.m	2
5	4-4-22	Dhanur - asana	Dr. Kannan.K	4-6p.m	2
6	11-4-22	Ekapada - asana	Dr. Kannan.K	4-6p.m	2
7	18-4-22	Hasta – Pada – angusta	Dr. Kameshvell	4-5p.m	1
8	2-5-22	Nataraja asana	Dr. Kannan.K	4-5p.m	1
9	9-5-22	Parivritta – parshvakona	Dr. Rajini.S	2-4p.m	2
10	16-5-22	Sarvanga – asana	Dr. Kannan.K	4-5p.m	1
11	6-6-22	Shalabha – asana	Dr. Kameshvell	4-6p.m	2
12	13-6-22	Siddha - asana	Dr. Kameshvell.C	4-6p.m	2
13	20-6-22	Simha – asana	Dr. Kannan.K	4-6p.m	2
14	4-7-22	Trikona – asana	Dr. Kannan.K	4-6p.m	2
15	11-7-22	Vajra – asana	Dr. Kameshvell	4-6p.m	2
16	1-8-22	Vira – asana	Dr. Kannan.K	4-6p.m	2
17	8-8-22	Vrischika – asana	Dr. Kameshvell	4-6p.m	2
		Total hrs			30

REFERENCE BOOKS: (Minimum 2)

1. Ross A, Thomas S. The health benefits of yoga and exercise: a review of comparison studies. The journal of alternative and complementary medicine. 2010 Jan 1;16(1):3-12.
2. Noggle JJ, Steiner NJ, Minami T, Khalsa SB. Benefits of yoga for psychosocial well-being in a US high school curriculum: a preliminary randomized controlled trial. Journal of Developmental & Behavioral Pediatrics. 2012 Apr 1;33(3):193-201.

Benefits of Yoga

Brouchure

Yoga Postures Step By Step

Yoga Postures Step-by-Step

1. The Sun salutation - *Suryanamaskar*



Posture: *Surya-namaskar* - Sun Salutation **Translation:** The Sanskrit word *surya* means sun. Namaskar is the

Hindi word for Namaste, from the root *nam*, to bow.

Namaskar means salutation, salute, greeting or praise.

Pronunciation: soor-yee-ah-nahma-skar

Difficulty: (3)

STEP ONE : **STEP TWO :**

Hand facing the direction of the sun with both feet touching. Bring the hands together, palm- to-palm, at the heart.



Inhale and raise the arms upward. Slowly bend backward, stretching arms above the head.

STEP THREE : **STEP FOUR :**

Exhale slowly bending forward, touching the earth with respect until the hands are in line with the feet, head touching knees.



Inhale and move the right leg back away from the body in a wide backward step. Keep the hands and feet firmly on the ground, with the left foot between the hands. Raise the head.

STEP FIVE :

While exhaling, bring the

Left foot together with the right. Keep arms straight, raise the hips and align the head with the arms, forming an upward arch.

STEP SIX :

Exhale and lower the body to the floor until the feet, knees, hands, chest, and forehead are touching the ground

STEP SEVEN :

Inhale and slowly raise the head and bend backward as much as possible, bending the spine to the maximum (as in the naga-asana).

**STEP EIGHT :**

While exhaling, bring the left foot together with the right. Keep arms straight, raise the hips and align the head with the arms, forming an upward arch.



STEP NINE :

Inhale and move the right leg back away from the body in a wide backward step. Keep the hands and feet firmly on the ground, with the left foot between the hands. Raise the head.

STEP ELEVEN

Inhale and raise the arms upward. Slowly bend backward, stretching arms above the head.

**STEP TEN :**

Exhale slowly bending forward, touching the earth with respect until the hands are in line with the feet, head touching knees.

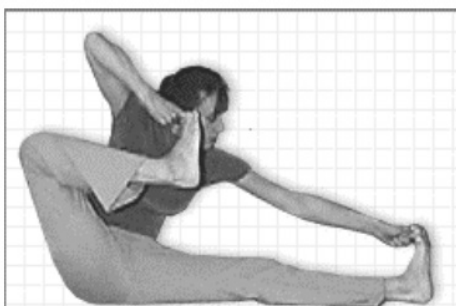
STEP TWELVE :

Stand facing the direction of the sun with both feet touching. Bring the hands together, palm-to-palm, at the heart.





2. Akarna-Dhanura-asana – The Shooting – bow – Pose



Posture: *Akarna-dhanura-asana*

The Shooting-bow Pose

Translation: The Sanskrit word *karna* means ear and the prefix "*a*" means near to or towards. *Dhanur* means bow-shaped, curved or bent.

The "bow" here referred to is a bow as in "bow and arrow." Literally we could translate this as the near-the-ear bow posture but because of the obvious appearance of the posture we'll call it the shooting bow posture.

Pronunciation: ah-car-nah da-noor ah-sa-na

Difficulty: (6) Requires flexibility of hips and legs.

Instructions:

1. Sit on the floor with the legs together and extended straight out in front. Keep the back straight, shoulders level and head straight. Place the hands, palms down, flat on top of the thighs then inhale deeply.
2. Exhale and reach down and loop the forefinger of the right hand around the big toe right foot and grasp the left foot with the left hand.
3. Inhale and pull the right foot back placing the big toe next to the right ear. Straighten the back as much as possible and hold the posture for the duration of the inhale breath.

4. Exhale and return to the seated position of step #1 then repeat the posture on the opposite side.

"Having caught the toes of the feet with both hands and carried them to the ears by drawing the body like a bow, it becomes *Dhanura-asana*."

The Hatha-Yoga-Pradipika I.27.

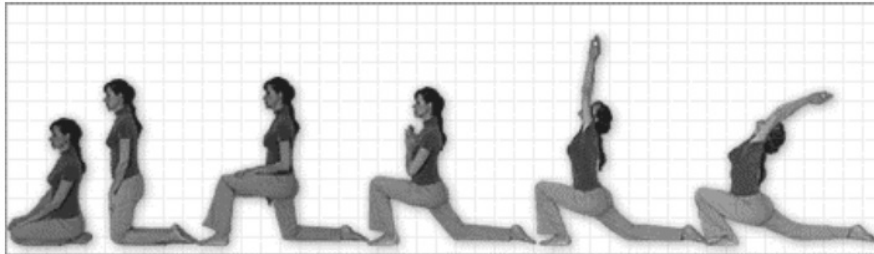
Comments:

While practicing this posture imagine yourself as an archer with the gaze focused on the target and the arrow firmly yet gracefully being pulled back in the bow. Hold the posture steady as an archer would hold the arrow aimed at its target. Return the foot to the floor gently. This simple technique will help cultivate a focused and unwavering attention.

Variations:

Reverse the hands and feet so that that the right hand pulls the left foot to the left ear and vice versa. The foot gets pulled under the outstretched arm.

3. Anjanaya-asana – The Salutation Pose



Posture: *Anjanaya-asana* - The Salutation Pose **Translation:** The Sanskrit word *anjaneya* means salutation or praise from the root *anj* which means to honor, to celebrate, to anoint.

Pronunciation: Ahn-jah-nay-ah-sa-na

Difficulty: (7)

Instructions:

Sit comfortably in the *vajra-asana* (thunderbolt pose).

Kneel up on your knees until your back, buttocks and thighs are aligned.

Extend your left foot forward bending your left knee at about a 90 degree angle.

Place the palms of your hands together at the heart in the *anjali-mudra*.

Raise your arms straight up keeping the palms together while bending the head backward and looking up.

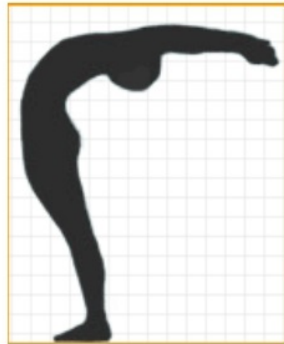
Slowly bend backward stretching the arms backward and straightening out the right leg. Hold this position for as long as comfortable while breathing gently through the nostrils. Come back to the *vajara-asana* (thunderbolt pose) then reverse the posture by alternating legs.

Comments: The *anjaneya-asana* combines several postures and *mudras* (gestures) in a fluid, evolving flow that combines motion, stretching and holds. It delivers great benefits for the back, arms, chest, legs and hips. Regular practice will strengthen concentration and improve balance.

Perform this posture with a sense of reverence and praise. Take a moment to reside in silence and peace as your hands are held at the heart in the gesture (*mudra*) of salutation (*anjali-mudra*). Keep the intention of praise in mind as you extend your arms skyward. Feel your entire body-mind-heart extending outward in recognition of the sacredness of life.

Duration/Repetitions: Repeat twice on each side.

4.Ardhachandra-asana – The Half – moon Pose



Posture: *Ardhachandra-asana* - The Half-moon Pose **Translation:** The Sanskrit word *ardha* means "half," and the word *Chandra* means "moon," thus, this is the "half moon" posture.

Pronunciation: ard-ha-chun-drah-sa-na

Difficulty: (2)

Instructions:

1. Stand in the *tada-asana* (Stand with both feet touching from the heel to the big toe, keeping the back straight and the arms pressed slightly against the sides with palms facing inward.
2. Bring the hands together at the chest with palms lightly pressed against each other (the *Anjali-mudra*).
3. Inhale and raise the arms straight up keeping the palms pressed lightly together.
4. Arch your body backwards keeping your arms alongside your neck and head, tilt the head backward and hold. Keep your knees straight while holding posture.
5. Slowly return to the *tada-asana*.

Comments:

The *ardha-chandra-asana* is a basic stretching and balancing pose that benefits principally the lower back, abdomen and chest. It is equally suitable for use in your stretching routine as well as formal *asana* practice. This pose is also one of the postures that are sequenced in *surya-namaskar* (the Sun Salutation).

Duration/Repetitions: Repeat *ardha-chandra-asana* two to three times.

Ardha-matsyendra-asana – The Half Spinal Twist Pose**Posture: *Ardha-matsyendra-asana***

The Half Spinal Twist Pose Translation: *Ardha* means half. *Matsyendra* is one of many Siddhas or masters who were accomplished Yogis mentioned in the medieval Yoga text the *Hatha-Yoga-Pradipika*. This posture is traditionally called the Spinal Twist because the spinal column is twisted gently.

Pronunciation: ard-ha-mat-syen-drah-sa-na

Difficulty: (4)

"Keeping the abdominal region at ease like the back, bending the left leg, place it on the right thigh; then place on this the elbow of the right hand, and place the face on the palm of the right hand, and fix the gaze between the eye-brows. This is called *Matsyendra*- posture." *Hatha-yoga-pradipika* I.37

Instructions:

Sit in any comfortable cross-legged position.

Straighten the legs out in front. Bend the right knee and bring the heel of the right foot close to the left hip.

Inhale and bend the left knee upward and place the left foot flat on the floor to the right of the right leg with the ankle touching the right thigh.

While turning the spine to the left straighten the right arm bringing it around to the outside of the left knee and grasp the left foot with the right hand.

Turn your head as far as possible to the left and bend the left arm behind your back. Keep your spine, neck and head aligned and continue to exert effort at turning to the left.

Repeat the posture on the other side by reversing directions 2-6.

Comments:

The Half Spinal Twist is one of the best Yoga postures for cultivating flexibility and strength in the spine. It soothes stiff necks and upper back tension caused by stress, poor posture, or prolonged periods of sitting in one position.

The alternating compression and release of the abdominal region flushes this area with blood and massages the internal organs. Muscles of the stomach and hips are also toned from repeated practice of the Half Spinal Twist.

Duration/Repetitions:

The posture can be held for as long as you are comfortable. (One repetition consists of performing the posture on each side. Two to three full repetitions should be done at each session.

Baddha-kona-asana – The Restrained Angle Pose



Posture: *Baddha-kona-asana*

The Restrained Angle Pose

Translation: The Sanskrit word *baddha* means a bond, chain, caught or restrained. The word *pada* means foot, and *kona* means corner or angle therefore this is the restrained-foot-angle posture.

Pronunciation: ba-dah-cone-ah-sa-na

Difficulty: (4)

Instructions:

Sit on the floor with the legs together and extended straight out in front. Keep the back straight, shoulders level and head straight. Place the hands, palms down, flat on top of the thighs then inhale deeply.

Exhale and bend the knees drawing the feet toward the torso. Place the soles of the feet together, clasp the hands over the feet interlocking the fingers pulling the feet closer and placing the heels against the perineum. The outer edge and small toe of each foot should touch the floor.

Lower the knees to the floor and keep the back straight. Use the elbows to press down on the thighs if necessary to bring the calves and knees to the floor. Hold the posture breathing gently through the nostrils.

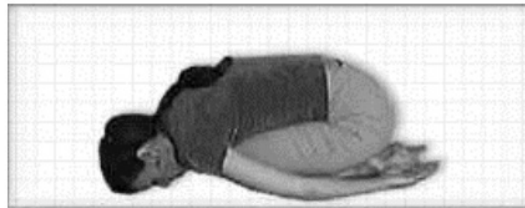
Release the posture and sit with the legs extended out and hands on the thighs.

Comments:

Regular practice of the *baddhakona-asana* stretches the knees and stimulates circulation in the legs. It should be practiced frequently until one is comfortable sitting in the *padma-asana*. The main areas of the body that are stimulated, besides the legs, are the stomach, pelvis and lower back. It is said to keep the kidneys, prostate and bladder healthy. The *baddha-konasana* is one of the few postures that can be practiced comfortably soon after eating.

Duration/Repetitions:

Hold the posture from thirty seconds to two minutes depending on comfort. Repeat two or three times.

Bala-asana – The Child Pose

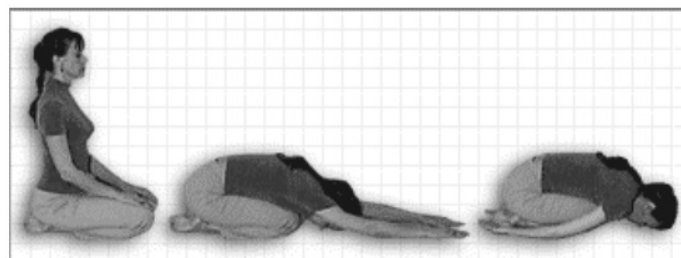
Posture: *Bala-asana* – The Child Pose **Translation:** The Sanskrit word *bala* means child.

Pronunciation: ba-lah-sa-na

Difficulty: (2)

"As innumerable cups full of water, many reflections of the sun are seen, but the sun is the same; similarly individuals, like cups, are innumerable, but spirit, like the sun, is one."

The Shiva-samhita I.35 II.42-43.

**Instructions:**

1. Sit on your knees with your feet together and buttocks resting on your heels. Separate your knees about the width of your hips. Place your hands on your thighs, palms down. (This is the *vajra-asana* or Thunderbolt Pose).
2. Inhale deeply, then exhale as you bring your chest between your knees while swinging your arms forward.

3. Rest your forehead on the floor, if possible, and then bring your arms around to your sides until the hands are resting on either side of your feet, palms up.
4. Breathe gently through your nostrils as you hold the posture. Hold for about one to two minutes. Then return to an upright kneeling position with your back straight and your hands on your thighs.
5. Repeat the posture at least one more time.

Comments:

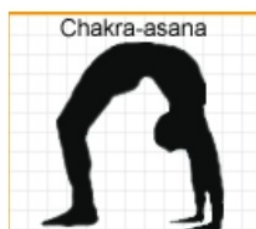
The *bala-asana* is one of the more relaxing Yoga postures and can easily be done by beginners. As part of your Yoga routine it is best used as a counter-pose to any posture that stretches the spine backward (such as the naga-asana, the dhanura-asana, the chakra-asana, the ushtra-asana, etc.)

The *bala-asana* gently stretches and relaxes the shoulders, neck, back muscles and thighs.

Duration/Repetitions:

The *bala-asana* can be held for as long as is comfortable. Repeat at least twice if it is held for less than a minute.

Chakra-asana



Posture: *Chakra-asana*

The Wheel Pose

Translation: *Chakra*, from the root *cak* ("to move") means wheel and therefore this is the Wheel Posture.

The *cakra-asana* is also known as the *urdhva-dhanurasana*. *Urdhva* means raised, elevated or upright and *dhanur* means bow. Both "wheel posture" and "raised bow posture" describe the appearance of this asana.

Pronunciation: chu-krah-sa-na

Difficulty: (8) (full variation), (3) (bridge variation)

Instructions:

Lie flat on the back in the shava-asana (corpse pose).

While exhaling bend the knees and bring the feet as close to the buttocks as possible with the soles of the feet flat on the floor.

Bend the arms at the elbows and place the palms of the hands flat on the floor directly under each shoulder with the fingers pointing toward the back.

While inhaling slowly, begin to raise the head, back and buttocks off the floor while arching the spine. Continue to press downward on the hands and feet while raising the hips and stomach as high as possible.

Hold for the duration of the held inhaled breath. When you can't hold the breath comfortable any longer, slowly exhale and return the back to the floor, slide the legs out straight returning to the shava-asana.

Comments:

The *chakra-asana* is more challenging than most other yoga postures. Don't be discouraged if your unable to accomplish it right away. Even attempting this posture without successful completion holds great benefits.

First and foremost is the strength and suppleness it restores to the spine. It strengthens the arms, shoulders and upper back as well and stimulates the cardiovascular system. The *chakra- asana* has an overall tonic effect for the entire body.

As the natural suppleness of the spine is restored after a period of practice you can begin to perfect the form of this *asana* and thus experience greater benefits.

First be certain that the arms are as straight as possible with very little to no bend in the elbows. When you can hold this comfortably, begin breathing through the nostrils while holding the posture and attempt to get a greater arch in the spine by bringing your hands closer to your feet and/or bringing your feet closer to your hands. Finally, you can extend the duration of the *chakra-asana* by doing several repetitions in sequence without resting in- between. As you return from the posture keep the hands behind the shoulders and the soles of the feet flat on the floor and as soon as the back returns to floor immediately raise it and enter the full posture again.

Duration/Repetitions:

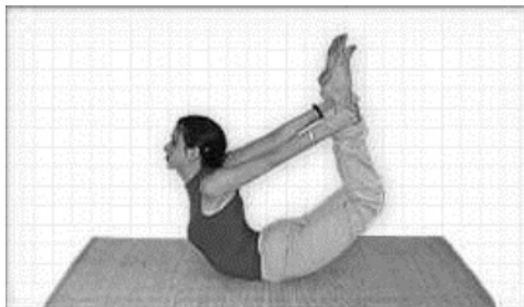
The chakra-asana is either held for the duration of the inhaled breath or between one and three minutes while breathing gently through the nostrils. Repeat it two or three times.

The "Bridge" Variation:

Although this variation is much easier to perform than the full *chakra-asana*, it shares several of its benefits. In particular it will help to stretch the spine and relieve tightness in the upper back and shoulder area.

To get the full benefit of the bridge variation continual effort should be applied to raising the back upward and creating the greatest possible arch with the spine.

While holding the bridge breath slowly through the nostrils. If there is no discomfort felt in the spine or shoulders then one should advance to the full variation of the *chakra-asana* as described above. Both variations strengthen the back and promote flexibility of the spine. Tightness in the back and spine results from poor posture, stress, a sedentary lifestyle and/or emotional disturbances. You should begin to feel the tightness being released after just a few repetitions.

Dhanura-asana

Posture: *Dhanura-asana* - The Bow Pose Translation: The Sanskrit word dhanur means bow-shaped, curved or bent. The bow referred is a bow as in "bow and arrow." This asana is so named because the body mimics the shape of a bow with its string stretched back ready to shoot an arrow.

Pronunciation: dha-noor-ah-sa-na

Difficulty: (5)

Instructions:

Lie flat on the back in the shava-asana (corpse pose).

Lie on the stomach with the head turned to one side and the arms alongside the body with palms facing upward.

Turn the head and place the chin on the floor. Exhale, bend the knees, reach back with the arms and grasp the right ankle with the right hand and the left ankle with the left hand.

While inhaling, slowly raise the legs by pulling the ankles up and raising the knees off the floor while simultaneously lifting the chest off the floor. Hold the inhale breath. The weight of the body should be resting on the abdomen.

Tilt the head as far back as possible. Hold the posture as long as you can comfortably hold the inhale breath.

Slowly exhale bringing the knees to the floor, release the ankles, slowly bring the legs and arms straight down on the floor and turn the head to one side, assuming the prone posture you began with.

Comments:

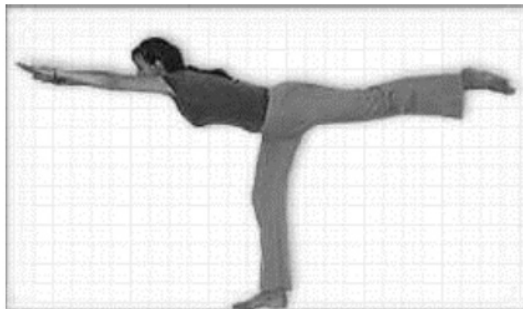
The most obvious benefit of the *dhanur-asana* is that it restores flexibility to the spine. Regular practice will relieve lower back pain and release tension and strain in the upper back and neck area. The alternating stretching and releasing of the abdominal muscles increases blood flow to this area and aids all sorts of digestive disorders and discomforts. Strain or fatigue in the legs is also released after a few repetitions. Extended practice will help develop upper-body strength.

Duration/Repetitions:

The *dhanur-asana* is either held for the duration of the inhaled or between one and three minutes while breathing gently through the nostrils. Repeat it two or three times.

Variations:

The two variations of the *dhanur-asana* have to do with the method of breathing and the amount of arch of the back. As one progresses with this asana and is able to hold the posture for a longer period of time, the posture can be held while slow, rhythmic breathing is maintained through the nostrils. As the spine becomes more flexible try drawing the feet closer to the head. Some are able to join the top of the head to the soles of the feet although this is certainly not necessary to accomplish the *dhanur-asana*.



Posture: *Ekapada-asana* - The One-legged Translation: The Sanskrit word *eka* means one and *pada* means foot making this the one-foot, or more commonly, one-legged pose.

Pronunciation: eka-pod-ah-sa-na

Difficulty: (5)

Instructions:

6. Stand with the feet together and the arms by your sides (see the *tad-asana*).
7. Focus the eyes straight ahead on a spot midway between waist and eye level and remain focused there throughout this asana. (standing about five feet from a wall would be helpful).
8. Inhale and extend the arms directly in front, parallel with the floor with thumbs touching.
9. Exhale and raise the right knee bending the leg at a 90 degree angle, pause for a moment then extend the leg straight out in front pointing the toes forward.
10. Pause for a moment then swing the leg backward while bending forward at the waist.
11. Breathe slowly through the nostrils and make sure the arms, torso and legs are parallel with the floor.
12. Hold the posture for at least 30 seconds and then return slowly to a standing position.

Comments:

The *ekapada-asana* tones and strengthens leg muscles, improves sense of balance and helps sharpen concentration. The *ekpada* requires that you become aware of your body/mind as a whole. As you practice this posture turn the attention away from distractions of the mind and center it on full body-awareness. Continual effort in the *ekpada-asana* in this way will help cultivate concentration.

The "closed eyes" variation (see below) intensifies the effect of the posture. Instead of relying on a fixed point of vision as an "anchor" the practitioner will cultivate an inner stability. The *ekpada-asana* also gives strength to the hips and lower back.

Duration/Repetitions: This posture should be held for a minimum of 30 seconds and can be extended to up to several minutes. Repeat at least twice on each foot.

Variations: When you can remain in the *ekpada* effortlessly for at least 30 seconds without wavering or losing balance, try doing it with the eyes closed. This variation makes the posture quite challenging but it increases the benefits as described above.

Garuda – asana



Posture: *Garuda-asana* - The Eagle Pose

Translation: The Sanskrit word *garuda* means eagle. In Hindu mythology Garuda is known as the king of birds. He transports the God Vishnu (shown with a bow and arrow in the illustration to the left) and is said to be eager to help humanity fight against demons.

Pronunciation: ga-roo-dah-sa-na

Difficulty: (3)

Instructions:

13. Lie flat on the back in the shava-asana (corpse pose).
14. Stand with the feet together and the arms by your sides (see the tad-asana).
15. Draw the left foot upward bending the knee and wrap the left foot around your right leg as you rest the back of your left thigh on the right thigh.
16. Cross your arms at the elbows, left over right.
17. Join the palms of your hands together keeping the fingers pointed upward.
18. Inhale and hold the posture for the duration of the inhaled breath.

19. Exhale and return to the *tada-asana*. Repeat the posture on the opposite side, wrapping the right leg over the left and the right arm over left.

Comments:

The *Garuda-asana* will strengthen the legs, knees and ankles. It stretches and tones muscles of the leg and can help relieve cramps of the legs.

Duration/Repetitions:

Hold the *hala-asana* for as long as you are comfortable. 20-30 seconds is fine for early attempts, increase the time gradually as you become more comfortable. You can also try holding the posture for as long as you can hold the inhaled breath. Repeat 2 or 3 times on each leg.

Gomukha - asana



Posture: Gomukha-asana - The Cow face Pose Translation:

The Sanskrit word *garuda* means eagle. In Hindu mythology Garuda is known as the king of birds. He transports the God Vishnu (shown with a bow and arrow in the illustration to the left) and is said to be eager to help humanity fight against demons.

Pronunciation: ga-roo-dah-sa-na

Difficulty: (3) "Placing the right ankle on the left side and the left ankle on the right side, makes *Gomukha-asana*, having the appearance of a cow."

Hatha-yoga-pradipika I.22

Instructions:

20. Sit in a crossed-leg position, right leg over left.
21. Spread the legs as far apart as possible without bending the knees.

22. Bend the left knee and place the bottom of the left foot against the inner left thigh. Bring the left heel as close to the perineum as possible. Keep the left knee on the floor.
23. Grasp the right foot with the left hand and keeping the foot on the floor place the heel of the right foot against the front-left portion of the left buttock. The right knee should be directly on top of the left knee..
24. Inhale slowly through the nostrils and raise the right hand over the head and bend the right elbow. Reach behind the back with the left hand and clasp the fingers of both hands (forming an "s" shaped lock).
25. Hold the posture as long as you can comfortably hold the inhale breath. Exhale slowly and then repeat the posture reversing the arms and legs.

Comments: This posture stretches the arms, upper back, chest and the sides of the chest and abdomen. As the shoulder blades are stretched backward the lungs are expanded and as the abdominal muscles are lifted the stomach is toned. It helps to relieve neck strain, backache and tight shoulders. The hands, fingers and wrists are strengthened.

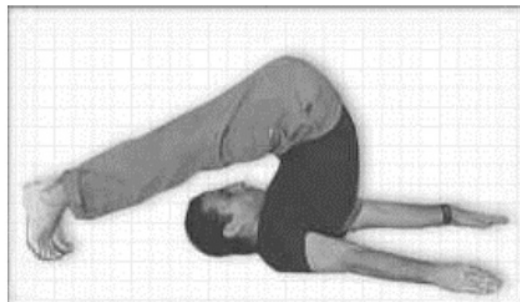
Duration/Repetitions:

You can either hold the posture while the breath is held or you can try holding the posture while breathing gently through the nostrils. If you choose to breath, then hold the posture for thirty seconds to a minute. Repeat the *gomukha-asana* two to three times on each side.

Variations:

If you are unable to lock the fingers behind the back you may grasp one end of a small piece of cloth in the right hand and the other end of the cloth in the left hand.

Hala - asana



Posture: *Hala-asana* - The Plow Pose Translation: The Sanskrit word *Hala* means plow, as in a traditional plow that is drawn by a horse or oxen. When performing this posture your body resembles a plow.

Pronunciation: hull-ah-sa-na

Difficulty: (5)

Instructions:

26. Lie flat on the back in the *shava-asana* (the corpse pose).
27. Inhale through the nostrils. Place the palms face-down on the floor. Keeping the hips on the floor, bend the knees and bring them up toward the stomach while exhaling.
28. Inhale, then while exhaling, raise the legs straight up perpendicular to the floor. You may support your hips with your hands or leave the arms flat on the floor, whichever is most comfortable.
29. Exhale and continue to raise the legs over the head, bending at the waist, lifting the back and buttocks until the toes touch the floor directly in back of the head. Keep the feet together. If the lower back is supported by the hands try returning the arms flat to the floor with the palms facing down. If you are unable to comfortably place the arms on the floor continue to support the lower back with the hands.
30. Keep the knees straight. Breathe slowly through the nostrils and hold the posture for several minutes. If you cannot touch the floor with your toes hold them as close to the floor as possible and continue to exert effort to lower them.
31. Reverse the steps to return to the *shava-asana*.

Comments:

The benefits of this posture, like the *sarvanga-asana*, are numerous. All of the muscles and ligaments in the calves and thighs are stretched resulting in greater leg flexibility. People suffering from leg cramps will find great relief from the *hala-asana*. Since the abdominal area is contracted, blood compressed out of this area releases toxins and when the contraction is released the area is flooded with richly oxygenated blood. The contraction also helps to relieve gas and stimulates a sluggish digestive system. Similar effects take place as the neck and chest area is compressed effecting the throat, thyroid, hyperthyroid and lungs. Upper and lower back pain or discomfort is relieved due to the forward stretching of the spine.

It is highly recommended that this posture be accompanied by the *sarvanga-asana*. In fact, many of the benefits of the *sarvanga-asana* apply to the *hala-asana* as well with the added benefits detailed above.

The *hala-asana* is an excellent morning posture although some might find it more difficult then. During sleep the spine can become somewhat compressed resulting in the experience of tightness or stiffness in the back. A few repetitions of the *hala-asana* will quickly restore flexibility to the spine as well as promote alertness.

Duration/Repetitions: Hold the *hala-asana* for as long as you are comfortable. 20-30 seconds is fine for early attempts, increase the time gradually as you become more comfortable.

Variations: There are several variations of the basic *hala-asana* each of which require greater flexibility. Another variation calls for dropping the knees to the ground and placing them close the ears and keeping the arms extended on the floor (2). And finally from this variation the arms are swung around and placed over the legs behind the knees and the hands are clasped and pressed down on the knees to hold them firmly on the floor (3). All three variations are held while breathing gently through the nostrils.

Cautions/Restrictions:

The *hala-asana* should not be performed by woman who are menstruating, as is the case with all inverted postures (where the legs are raise over the head). No other restrictions apply.

Hasta – pada – angusta - asana

Posture: *Hasta-pada-angusta-asana*

The Hand-Foot-Big Toe Pose Translation: The Sanskrit word *hasta* means hand, *pada* means foot, and *angusta* means big toe therefore this is the hand-foot-big toe posture.

Pronunciation: ha-sta-pah-don-goo-stah-sa-na

Difficulty: (3)

Instructions:

32. Sit on the floor with the legs together and extended straight out in front. Keep the back straight, shoulders level and head straight. Place the hands, palms down, flat on top of the thighs.
33. Spread the legs as far apart as possible without bending the knees.
34. Bend the left knee and place the bottom of the left foot against the inner left thigh. Bring the left heel as close to the perineum as possible. Keep the left knee on the floor.

35. Stretch both arms straight out in front of you, then keeping the back straight turn slowly at the waist toward the right aligning the arms with the right leg.
36. Inhale slowly while raising the arms over the head and arching the back.
37. Exhale and slowly while bending forward bringing the chest down to the right thigh. Clasp the big toe of the right foot with the first finger of both hands. Hold this position for the duration of the exhaled breath.
38. Inhale slowly through the nostrils releasing the posture while sitting up straight.

Straighten the left leg and return to the seated position described in step 2 then repeat the posture, this time bending the right leg.

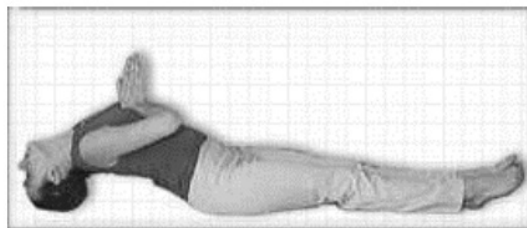
Comments:

The benefits of the *hasta-pada-angusta-asana* are similar to those of the *ugra-asana* (i.e.: spinalabdominal toning, gastro-intestinal stimulation). There is additional stretching of the leg that is outstretched as well as to the groin.

Duration/Repetitions:

Repeat two or three times on each leg.

Matsya - sana



Posture: *Matsya-asana* - The Fish Pose

Translation: The Sanskrit word *matsya* means fish, therefore this is the fish posture. Matsya (depicted to the left) is a divine being, found in

Hindu mythology, that saved mankind from a universal flood.

Pronunciation: maht-see-yah-sa-na

Difficulty: (3)

Instructions:

39. Lie flat on the back in the *shava-asana*.
40. Keeping the buttocks on the floor, inhale and raise the head, shoulders, back and upper arms off the floor arching the back and raising the chest up. Tilt the head back and place the top of the head flat on the floor.
41. Raise the elbows off the floor bring your hands up just below the chest and join them at the palms with the fingers pointing straight up (form the *anjali-mudra* or salutation hand gesture). Hold for the duration of the inhale breath or breath gently through the nostrils to remain in the posture longer.
42. Return to the *shava-asana*.

Comments:

The *matsya-asana* creates a great expansion and stretching of the chest which helps relieve upper respiratory congestion as well as benefits the heart. Additionally, the sinus are drained and opened from the inversion of the head, stretching of the neck and pressure placed on the top of the head. The thyroid and parathyroid glands are stimulated as well.

Duration/Repetitions:

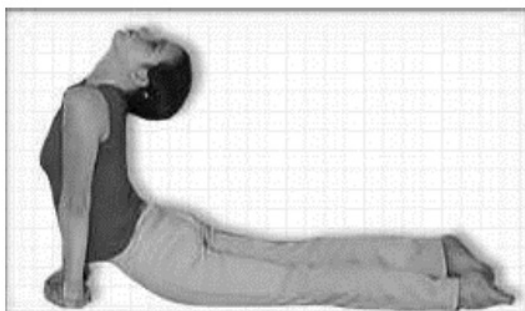
Since this is not a difficult posture, it is recommended that you breath while holding it for between two and four minutes. If you are uncomfortable breathing, hold the posture for the duration of the inhaled breath. Repeat two or three times.



Variations:

There is one major variation in the *matsya-asana* and it is a bit more challenging than the one described above (illustrated above). It calls for beginning the posture in *padma-asana* or the full lotus seated posture and then lying flat on the back while the legs are still locked. From there on the posture is done the same way as described above.

6.Naga - asana



Posture: *Naga-asana* - The Cobra Pose **Translation:** The Sanskrit word *naga* means snake or serpent. The *naga-asana* is also known as the *bhujanga-asana*. The Sanskrit word *bhujanga*, which also means snake, is derived from the root *bhuj* which means to bend or curve.

Pronunciation: na-gah-sa-na

Difficulty: (4)

"Let the body, from navel to toes, touch the ground, the palms placed upon the ground, and raise gently the upper part of the body (from navel to head) like a snake. This posture increases the gastric fire; it destroys all diseases and by constant practice leads to the awakening of *Kundalini*."

The Gheranda-samhita II.42-43.

Instructions:

Lie on the stomach with the head turned to one side and the arms alongside the body with palms facing upward.

43. Turn the head and place the chin on the floor. Inhale then exhale slowly through the nostrils and swing the arms around until the hands are placed just below the chin with the palms down and the finger tips of each hand almost touching and the elbows on the floor.

Inhale slowly through the nostrils, press down on the hands and lift the torso from the waist up off the floor, arching the spine backwards and straightening the arms. Keep the hips on the floor.

Tilt the head as far back as possible and hold the posture for the duration of the inhaled breath.

Exhale and reverse the process to return to position

Comments: If you find it uncomfortable holding the breath while the posture is held, breathe gently through the nostrils. Some may find that they are able to arch the spine back even more than in the initial arch in step

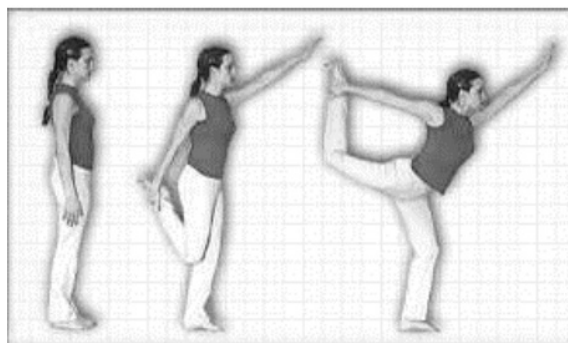
In this case try "walking" the hands toward the pelvic region and stretching the head further back. In addition to the obvious benefits to the spine and lower back, the standard variation of the *naga-asana* strengthens the wrists and stretches the muscles in the chest. By maintaining a constant exertion to create a greater arch in the spine, the stomach and pelvic muscles are strengthened. Greater strength in these areas can be cultivated by performing the variation where the arms remain

on the ground. Iyengar, a renowned expert in *yoga-asanas*, claims that displaced spinal discs can be placed back in their original position by practicing the *naga-asana*.

Duration/Repetitions:

Hold the posture for either the duration of a held inhaled breath or from one-half to three minutes. Repeat the *naga-asana* two to five times.

17. Nataraja - asana



Posture: *Nataraja-asana*

The King of the Dance Pose

Translation: The Sanskrit word *nata* means dancer and *raja* means king. Nataraja is another name for Shiva, the Lord of the Dance

whose cosmic dance is the creation and destruction of the world.

Pronunciation: nah-tah-raj-ah-sa-na

Difficulty: (3)

Instruction: Stand with the feet together and the arms by your sides (see the *tad-asana*).

Inhale and bend the right leg backward grasping the left foot with your left hand while simultaneously extending the right arm straight out in front.

1. Continue raising the right arm upward until it is about 45 degrees from the floor while lifting the left leg as high as possible with the left arm.

2. Hold the posture while breathing gently through the nostrils. Keep your gaze fixed slightly above the horizon.

Remain in the *nataraja-asana* for about one minute then return slowly to a standing position. Repeat by reversing directions 2-4.

Comments:

Perform the *nataraja-asana* gracefully as if dancing, yet firmly with focused attention. This posture helps to strengthen your sense of balance and concentration. The arch formed by the back and stretched leg gently aligns the vertebrae of the spine restoring suppleness and easing strain caused by poor posture or long periods of sitting. It tones the muscles of the hips and legs as well as stimulates the chest muscles.

Duration/Repetitions:

Begin by holding the *nataraja-asana* for about a minute and gradually increase the time as you become more comfortable with this posture. Repeat it three times on each side, alternately from right to left.

18. Padmasana – The Lotus Posture



Posture: *Padma-asana* - The Lotus Posture **Translation:** The Sanskrit word *naga* means snake or serpent. The *naga-asana* is also known as the *bhujanga-asana*. The Sanskrit word

bhujanga, which also means snake, is derived from the root

bhuj which means to bend or curve.

Pronunciation: pud-mah-sa-na

Difficulty: (2-6) depending on flexibility of legs

Instructions:

1. Sit on the floor with the legs stretched out straight in front.
2. Bend the right knee and grasp the right foot with both hands and place it on top of the left thigh bringing the heel as close to the navel as possible.
3. Bend the left knee and grasp the left foot with both hands and place it on top of the right thigh bringing the heel as close to the navel as possible.
4. Both knees should be on the ground and the soles of the feet are pointed upward. The spine is held straight but not rigid.
5. The position of the legs may be switched after a period of time if the posture becomes uncomfortable.

Comments:

When in the *padma-asana* the hands can be placed in one of the following three positions:

- Place one hand on top of the other, both palms up, and rest the hands on the heels (this is known as the *dhyana-mudra*). This variation is recommended for meditation.
- Place the hands on the knees, palms down.
- With palms up, place the hands on the knees, form a circle with the thumb and forefinger and extend the remaining fingers straight ahead (this is known as the *chin-mudra*). Recommended for *pranayama* (Yogic breathing).

The *padma-asana* facilitates relaxation, concentration and ultimately, meditation. The posture creates a natural balance throughout the body/mind. When the knees are stretched enough to remain in the *padma-asana* without discomfort the posture creates a feeling of effortlessness and ease that will soothe the nervous system, quiet the mind and bring about the condition of one-
Duration/Repetitions:

The length of time to sit in the *padma-asana* depends on your intention. In the course of a typical asana routine you might hold it for several minutes or until you experience discomfort in the legs. When used as a meditation posture you hold it for the duration of the meditation.

Variations:

If you find the *padma-asana* difficult or painful, can try the *ardha padma-asana* variation or half lotus posture (*ardha* means half). Instead of placing both feet on the thighs, only one foot is place on top of the opposite thigh and the other is place under the opposite thigh. Periodically alternate positions to allow both knees to be stretched. Those who are unable to do either variation of this asana comfortably should practice the *baddha kona-asana*.

19. Parivritta-parshvakona-asana

Posture: *Parivritta-parshvakona-asana*

The Turned Side-Angle Pose

Translation: The Sanskrit word *parivritta* means revolved, turned round or back, *parsva* means side and *kona* means angle.

Pronunciation: par-ee-vrit-ah parsh-va-cone-ah-sa-na

Difficulty: (6)

Instructions:

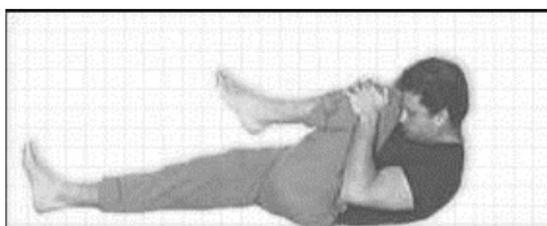
1. Stand with the feet together and the arms by your sides (see the *tad-asana*).
 2. Inhale and spread your legs apart slightly further than shoulder distance (about 3-4 feet).
 3. Stretch your arms straight out from the shoulders parallel to the floor with your palms facing down.
 4. Exhale slowly and turn your right foot toward the right 90 degrees. Bend your right knee about 90 degrees.
 5. Place the palm of your left hand flat on the floor next to the outside of your right foot. Rest the right elbow on the outside of the right knee.
 6. Stretch the right arm over your head, parallel with the floor, with the inside of the elbow resting on the ear. Hold for about 30-60 seconds while breathing gently through the nostrils.
 7. Slowly return to a standing position and repeat on the other side reversing directions 2-6.
-

Comments:

The *parivritta-parshvakona-asana* stretches the muscle group along the side of the torso. It strengthens the ankles, calves and thighs as well as the arms. It is also an excellent posture to tone the muscles in the waist and hips. This posture also strengthens the digestive system and thus aids digestion, stimulates blood circulation and assists in restoring strength and flexibility to the spine.

Duration/Repetitions:

Hold the posture for as long as is comfortable. Performing the *parivritta-parshvakona-asana* once on each side is considered one repetition. Do 2 or 3 repetitions.

20. Pavana – mukta - asana

Posture: *Pavana-mukta-asana*

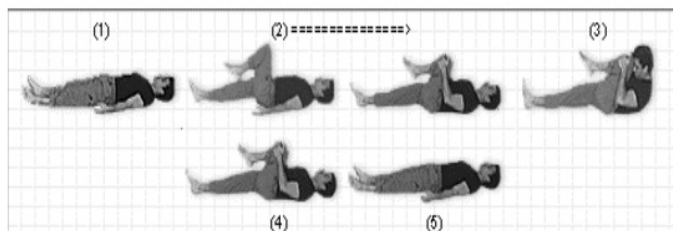
The Wind-releasing Pose

Translation: The Sanskrit word *pavana* means air or wind and *mukta* means freedom or release, therefore this is the "wind relieving posture" so named because it assists in releasing trapped digestive gas from the stomach and intestines.

Pronunciation: pa-vana mook-tah-sa-na

Difficulty: (1)

Instructions:



1. Inhale and bend the right knee and pull it close to the torso with both hands while interlocking the fingers just below the knee. Keep the left leg flat on the floor.
2. Hold the inhaled breath for a few seconds then exhale slowly through the nostrils and lift the back, shoulders and head off the floor and touch the knee with the forehead.
3. Hold the exhaled breath for a few seconds then slowly inhale and return the back, shoulders and head to the floor. Remain holding the knee.
4. Hold the inhaled breath for a few seconds then exhale while bringing the right leg to the floor.
5. Lie flat on the back in the shava-asana for a few seconds then repeat beginning with the left leg.

Comments:

As mentioned above, practicing the *purvana-mukta-asana* will help to release gastrointestinal gas. It also improves other gastrointestinal problems like upset stomachs and constipation by stimulating the abdominal region.

Duration/Repetitions:

Hold each of the four parts of this posture (corresponding with the held breaths) for three to five seconds each. Repeat the *purvasa-mukta-asana* three to five times on each side.

21. Sarvanga – asana:

Posture: *Sarvanga-asana*

The Shoulder-stand Pose

Translation: The Sanskrit word *sarvaanga* means limb or body. *sarvanga*

therefore translates as either "all-limb" or "whole-body

posture". It is so named because of the benefit it provides to the entire body. It is commonly referred to as the "shoulder- stand" because one is essentially standing on one's shoulders.

Pronunciation: sar-vong-ah-sa-na

Difficulty: (5)

Instructions:

1. Lie flat on the back in the *shava-asana*.
 2. Inhale through the nostrils. Place the palms face-down on the floor. Keeping the hips on the floor, bend the knees and bring them up toward the stomach while exhaling.
 3. Inhale slowly through the nostrils, press down on the hands and lift the torso from the waist up off the floor, arching the spine backwards and straightening the arms. Keep the hips on the floor.
 4. Inhale, then while exhaling, raise the legs straight up perpendicular to the floor. You may support your hips with your hands or leave the arms flat on the floor, whichever is most comfortable.
 5. The legs should be together with the knees straight and toes pointed straight up. Keep the head straight without turning it to either side. The chin should be pressed against the chest.
 6. Breathe gently through the nostrils while the posture is held.
 7. Reverse the steps to return to the *shava-asana*.
-

Comments:

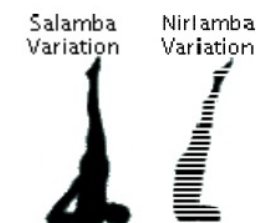
The *sarvanga-asana* is considered by many to be the most beneficial of all yoga postures. Because of its many benefits, if you find that your time is limited in the course of Yoga practice at home, it is recommended to place special emphasis on the *sarvanga-asana*.

When performed in the morning the *sarvanga-asana* relieves fatigue caused by sleeping too much or too little and when practiced in the evening it helps to promote deep, restful sleep. It strengthens the back and helps to relieve lower back pain.

The increased blood flow to the head and upper body helps to heal many disorders such as headaches, nasal congestion and sore throats. The entire endocrine, digestive, nervous, and venous systems of the body are stimulated in ways that no form of diet or conventional exercise can perform. Because the body is inverted a rich supply of oxygenated blood is sent to the organs and glands in the upper part of the body, such as the brain, thyroid and pituitary, and heart thereby stimulating them. Pressure is relieved from the lower body extremities relieving pain and/or swelling of the feet and legs. The *sarvanga-asana* also provides great benefit to the abdominal organs helping to relieve gas and constipation and stimulate digestion. Regular practice of this posture invigorates the mind and helps to calm the nervous system.

Duration/Repetitions:

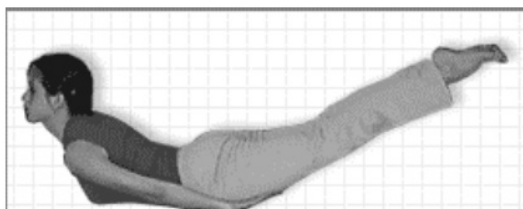
Hold the *sarvanga-asana* anywhere from one to five minutes depending on comfort. Repeat the posture two or three times.



Variations:

There are two common variations to this posture. One is called the *shalamba-sarvanga-asana*. *Sa* means with and *alamba* means prop or support and refers to the use of the arms to support the legs and torso as they are inverted. The other variation is called the *niralamba-sarvanga-sana*. *Nir* means without and thus this variation is done without the support of the arms.

22. Shalabha – asana – The Locust Pose



Posture: *Shalabha-asana*

The Locust or Grasshopper Posture Translation: The Sanskrit word *Shalabha* means locust or grasshopper.

There is a variation of this posture called the *viparita-shalabha-*

asana. The Sanskrit word *viparita* means "reverse." This is an advanced variation not covered here.

Pronunciation: sha-la-bhah-sa-na

Difficulty: (3)

Instructions:

1. Lie on the stomach with the head turned to one side and the arms alongside the body with palms facing upward.
2. Turn the head and place your chin on the floor. Slide your hands under your thighs, with the palms pressed gently against the top of your thighs.
3. Inhale slowly and then raise the head, chest, and legs off the floor as high as possible. Tilt your head as far back as possible. Keep your feet, knees, and thighs pressed together.
4. Starting at the top of the head and working your way down to the feet, bring your attention to each part of your body, consciously relaxing it before proceeding on to the next.
5. Remain in the posture while holding the breath. You can support your legs by pressing the hands upward against your thighs.
6. Hold the posture for as long as you can hold the inhaled breath then slowly return the legs, chest, and head to the floor while exhaling.
7. Remove your hands from under your thighs and place the arms alongside your body. Turn your head to the side and rest.

Comments:

The *shalabha-asana* has many benefits. Besides strengthening the muscles of the upper legs and lower back, it stimulates the stomach and intestines helping to relieve gastrointestinal gas, strengthens the bladder, and stretches the spine.

To assist raising the legs as high as possible keep the back of the hands resting against the floor while pushing the legs upward with the fingers. As you get better at this posture and increase the strength of your legs you can raise the hands completely off the floor so your legs are raised unsupported. This increases the benefits of the *shalabha-asana*.

Duration/Repetitions:

Hold this posture for as long as you can hold the inhaled breath. Repeat the *shalabha-asana* three times.

23.Shava – asana – The Corpse Pose:

Posture: *Shava-asana*

The Corpse Pose

Translation: The Sanskrit word *shava* means corpse hence this is the Corpse. The *shava-asana* is also known as the *mrta-asana*.

Pronunciation: sha-vah-sa-na

Difficulty: (1)

Instructions:

8. Lie flat on your back with your legs together but not touching, and your arms close to the body with the palms facing up.
9. Keep your eyes gently closed with the facial muscles relaxed and breath deeply and slowly through the nostrils.
10. Starting at the top of the head and working your way down to the feet, bring your attention to each part of your body, consciously relaxing it before proceeding on to the next.
11. Remain in the shava-asana for between 3 and 5 minutes or longer. If you become sleepy while in the shava-asana begin to breath a bit faster and deeper.

Comments:

While many consider this a simple posture at first, its simplicity eventually proves to be deceiving. The goal of the shava-asana is for the body and mind to be perfectly still and relaxed. Not only should the body be motionless and at ease, but the mind as well should be quiet, like the surface of a still lake. The result will be a deep and stable relaxation that will extend into your meditation or be felt through the activities of your daily circumstances.

It goes without saying that the *shava-asana* will take some time to perfect. You will find the simple exercise of focusing your attention on each part of your body and consciously directing the breath there to be a great help with this posture.

There are two common obstacles that can prevent you from fully benefitting from this posture: sleepiness and a restless mind. If find yourself getting drowsy while in the *shava-asana* increase the rate and depth of your breathing. If your mind is restless or wondering focus your attention on all of the bodily sensations you're experiencing. Bring your mind to the sensation of the floor beneath you or on the rhythm of your breath.

While practicing your *Yoga-asana* routine you should always begin and end each session with the *shava- asana*.

Duration/Repetitions:

We recommend that you begin your period of *yoga-asana* practice with at least 3-5 minutes of *shava-asana*. Return to it periodically through your posture session to relax and rejuvenate the body/mind and then conclude your session with at least 3-5 minutes more

23. Siddha – asana – The Adept Pose:



Posture: *Siddha-asana*

The Accomplished or Adept Pose Translation: The Sanskrit word *siddha* means accomplished or adept, one who has attained the highest. The name implies the attainment of a perfectly stilled mind and the experience of peace that results from meditation. The *siddha-asana* is a recommended pose for meditation.

Pronunciation: sid-dhah-sa-na

Difficulty: (2)

Instructions:

1. Begin in a seated posture. Bend the left knee and grasp the left foot with both hands and place the heel against the perineum and the sole of the foot against the inside of the right thigh.
2. Exhale and reach down and loop the forefinger of the right hand around the big toe of the right foot and grasp the left foot with the left hand.
3. Bend the right knee, grasp the right foot with both hands and place the outside edge of the right foot where the calf and thigh of the left leg meet, right ankle over left ankle. The heel of the right foot should line up approximately with the navel and be as close to the pubic area as possible..

4. With palms up, place the hands on the knees, form a circle with the thumb and forefinger and extend the remaining fingers straight ahead.

Comments:

The *siddha-asana* is complicated to describe but is actually one of the simpler sitting postures. It requires less flexibility of the legs than the *padma-asana* yet it facilitates relaxation, concentration and ultimately, meditation.

Siddha-asana helps to establish an equilibrium throughout the body/mind. It will also help stretch the legs and pelvic area to the point where the *padma-asana* can be held effortlessly. Either posture, by creating a firm foundation with the legs locked in a crossed position and the spine held straight and motionless, awakens the attention and helps cultivate concentration. When concentration is highly focused and undistracted, meditation follows.

Duration/Repetitions:

Sit in the *siddha-asana* for a minimum of 1 minute and extended the time up to ten minutes or more.

24. Simha – asana – The Lion Pose:



Posture: *Simha-asana* - The Lion Pose **Translation:** The Sanskrit word *simha* which literally means "the powerful one" is the word for "lion." This, therefore is known as the lion posture, and one performing it can be said to resemble a roaring lion about to attack.

Pronunciation: sin-gha-sa-na

Difficulty: (2)

Instructions:

1. Sit up on the knees with the heels of the feet pressed against the buttocks and the calves of the legs flat on the floor.
2. Place the balls of the hands on the knees, straighten the arms and keep the back erect and the head straight (not tilted forward, back, to the left or the right).
3. Inhale while leaning forward slightly, stretching the mouth the jaws as wide as possible, extend the tongue out and downward as much as possible, fix your gaze either at the tip of the nose or between the eyebrows and stretch the fingers straight out from the knees.
4. Hold the posture for the duration of the inhaled breath then exhale, relaxing the forward stretch, dropping the fingers to the knees and closing the mouth and eyes.

Comments:

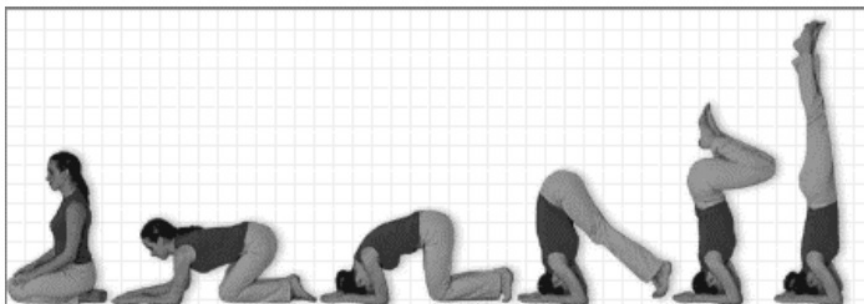
The *simha-asana* benefits parts of the body that most other asanas do not: the face, jaw, mouth, throat and tongue. Those who experience tightness or discomfort in the jaws such as teeth grinding, clenched jaws, a misaligned bite, etc. will benefit from both the jaw and tongue stretching of the *simha-asana*. This asana is also known to help prevent or cure sore throats. The muscles and tissues of the face are rejuvenated from the alternating stretching and release, an exercise they rarely get in the course of our everyday lives. The fixed gaze relieves tense or burning eyes and the stretched fingers benefits the hands and wrists.

Duration/Repetitions:

Hold the *simha-asana* for thirty to sixty seconds and repeat three to five times.

Variation:

Try roaring loudly like a lion as you enter into the Lion Pose while sticking your tongue out. This stimulates the throat and cultivates courage and fearlessness. Kids love to do it, shouldn't adults as well?

25. Sirsha – asana – The Head Stand

Posture: *Sirsha-asana* - The Head-stand **Translation:** The Sanskrit word *sirsha* means head. This posture is the well-known headstand posture, and perhaps second only to the *padma-asana* or lotus posture, is widely identified with the practice of Yoga.

Pronunciation: sir-shah-sa-na

Difficulty: (7)

Instructions:

1. Sit in a kneeling position with the buttocks resting on the heels of the feet.
2. Lean forward and place the forearms on the floor in front while keeping the elbows about shoulder distance apart. Interlock the fingers of both hands.
3. Place the top of the head flat on the floor with the back of the head pressed against the inside of the interlocked fingers.
4. Placing the tips of the toes firmly on the floor while lifting the heels, raise the knees off the floor.

5. Hold for the duration of the held inhaled breath. When you can't hold the breath comfortable any longer, slowly exhale and return the back to the floor, slide the legs out straight returning to the *shava-asana*.
-

Comments:

The *siddha-asana* is complicated to describe but is actually one of the simpler sitting postures. It requires less flexibility of the legs than the *padma-asana* yet it facilitates relaxation, concentration and ultimately, meditation.

Siddha-asana helps to establish an equilibrium throughout the body/mind. It will also help stretch the legs and pelvic area to the point where the *padma-asana* can be held effortlessly. Either posture, by creating a firm foundation with the legs locked in a crossed position and the spine held straight and motionless, awakens the attention and helps cultivate concentration. When concentration is highly focused and undistracted, meditation follows.

Duration/Repetitions:

Hold the *sirsha-asana* for 15-30 seconds when you first attempt it and increase the duration gradually over a period of a few weeks. As you skill increases you should hold it for as long as you feel comfortable.

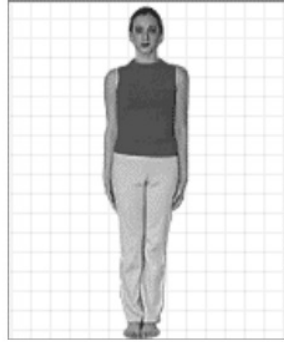
Cautions/Restrictions:

If you are new to Yoga we recommend that you find a qualified instructor to teach you this posture and monitor you performance. If you attempting this alone position yourself in front of a wall as mentioned above. If you are suffering from high or low blood pressure you should not attempt this posture. The *sirsha-asana* should not be performed by woman who are menstruating, as is the case with all inverted postures (where the legs are raise over the head).

Variations:

There are several variations to the *sirsha-asana* that you can try when you are comfortable with the standard variation. First try spreading your legs wide apart, carefully separating them very slowly, while maintaining your balance, until they are as far apart as is comfortable. Bring your legs together before returning from the posture. Next you can try placing the soles of your feet together while steadily holding the pose.

26. Tada – asana - The mountain Pose



Posture: *Tada-asana* - The Mountain Pose **Translation:** The Sanskrit word *tada* means mountain. This posture is also known by the name *samasthiti-asana*. Sama means unmoved, equilibrium, and sthiti means standing upright or firmly, abiding, remaining, thus *samasthiti* means standing firmly without moving.

Pronunciation: ta-dah-sa-na

Difficulty: (1)

Instructions:

1. Stand with both feet touching from the heel to the big toe, keeping the back straight and the arms pressed slightly against the sides with palms facing inward.
2. Slightly tighten or flex the muscles in the knees, thighs, stomach and buttocks maintaining a firm posture. Balance your weight evenly on both feet.
3. Inhale through the nostrils and lift the buttocks off the legs arching the back and thrusting the abdomen forward and tilt the head as far back as possible.

Comments:

Many common ailments and discomforts can be traced to poor posture. If the spine is not properly aligned or if there is tightness or stiffness in the back, the result is often an imbalance in the body. When this imbalance becomes chronic many kinds of disorders arise in the organs, glands and nervous system.

Performing the *tada-asana* allows one to observe one's posture closely and clearly recognize those problems which get masked or ignored by day-to-day activities. As the posture is held and the breath, mind and body is quieted various effects will surface to indicate difficulties with the spine. Favoring one foot over the other, shifting back and forth, drooped shoulders, tightness in the neck

and upper or lower back, and various other physiological disturbances may appear indicating the need for further yoga practice.

The proper execution and continual practice of the *tada-asana* along with other postures helps to re-train the body to stand correctly and reverse the negative effects of poor posture.

When the *tad-asana* is performed properly and the mind is focused and free of distraction, the body is experienced as being rooted firmly to the earth and as steady and motionless as a mountain.

Duration/Repetitions:

One repetition for several minutes is advisable. The *tada-asana* is also recommended prior to and following any other standing posture.

27. Trikona – asana – The Triangle Pose



Posture: *Trikona-asana* - The Triangle Pose **Translation:** The Sanskrit word *tri* means three and *kona* means corner or angle. Thus "three corner or three angle posture" is often called the triangle posture. This posture is also known as the *utthita trikona-asana*. *Utthita* means stretched or extended thus this is the Extended Triangle Pose.

Pronunciation: tri-cone-ah-sa-na

Difficulty: (3)

Instructions:

1. Stand with the feet together and the arms by your sides (see the *tada-asana*).
2. Separate the feet slightly further than shoulder distance apart.

3. Inhale and raise both arms straight out from the shoulders parallel to the floor with the palms facing down.
4. Exhale slowly while turning the torso to the left, bend at the waist and bring the right hand down to the left ankle. The palm of the right hand is placed along the outside of the left ankle. The left arm should be extended upward. Both legs and arms are kept straight without bending the knees and elbows.
5. Turn the head upward to the left and gaze up at the fingertips of the left hand. Inhale and return to a standing position with the arms outstretched.
6. Hold this position for the duration of the exhaled breath. Exhale and repeat steps 4 - 6 on the opposite side.

Comments:

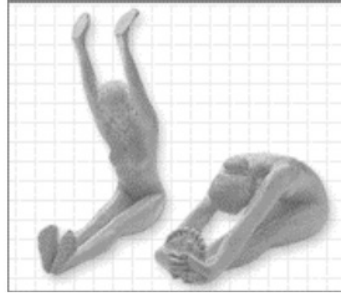
The *trikona-asana* is an excellent posture to do early in your routine. The forward bending and lifting stimulates blood flow and helps to stretch and relax the back, shoulders, legs and arms as well as increases the flow of blood to the head. The muscles of the thighs and calves as well as the hamstrings are stretched. The slight twist of the spine creates suppleness in the spinal discs and relieves lower back discomforts.

The posture can be held longer by breathing gently through the nostrils rather than holding the breath. Another variation is to perform the *trikona-asana* rapidly thereby giving it a slightly aerobic effect.

Duration/Repetitions:

Remain in the forward bending position for the duration of the exhale breath. Do two or three repetitions (one repetition consists of bending forward on both sides).

28. Ugra – asana – The Noble Pose



Posture: *Ugra-asana* - The Noble Pose **Translation:** The Sanskrit word *ugra* means powerful, mighty, strong or noble. We usually keep this posture untranslated but it can be called the noble or powerful posture.

Alternate Also known as the *pascimottana-asana* or the *brahmacharya-asana*. The word *pascima* can mean behind, later, last or final but it literally means "western" as in the direction.

Pascimottana thus means back-stretching posture.

Pronunciation: oo-grah-sa-na

Difficulty: (4)

Instructions:

1. Sit on the floor with the legs together and extended straight out in front. Keep the back straight, shoulders level and head straight. Place the hands, palms down, flat on top of the thighs then inhale deeply.
2. Exhale and extend the arms straight out in front, parallel with the floor with fingers pointed straight ahead and palms facing down.
3. Inhale slowly while raising the arms over the head, keeping them straight, and bending as far back as is comfortable. Tilt the head back and look up at the hands.
4. Exhale slowly bending forward at the waist and grasp the feet with the hands. Bring the head as close to the knees as possible, placing it on the knees if you can, keeping the legs straight. (If you are unable to grasp the feet then grasp the ankles).
5. Hold that position for the duration of the exhale breath.

6. Inhale slowly and return to the seated position described in step #1.

Comments:

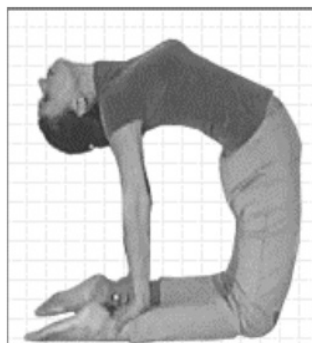
When the *ugra-asana* is properly performed, all the vertebrae of the spine and each muscle in the back is stretched. This type of stretching is highly beneficial. Try it regularly for a week and you will, without doubt, notice the benefits.

The compression or contraction of the stomach followed by the release increases blood flow to the abdominal region and tones the muscles. Gas is released and sluggish digestion and/or constipation is improved. The muscles in the calves and thighs get a good stretching, helping to relieve fatigue and soreness in the lower extremities.

Duration/Repetitions:

Repeat this posture two or three times holding each repetition for the duration of the exhaled breath and take at least three deep breaths in-between each repetition. As you become more adept at doing the *ugra-asana* you may begin breathing slowly through the nostrils while holding the posture to increase its duration.

29. Ushtra – asana – The Camel Pose



Posture: *Ushtra-asana* - The Camel Pose **Translation:** The Sanskrit word *ushtra* means camel.

Pronunciation: oosh-trah-sa-na

Difficulty: (5)

Instructions:

1. Sit up on the knees with the heels of the feet pressed against the buttocks and the calves of the legs flat on the floor.
2. Reaching backward, grasp the left ankle with the left hand and right ankle with the right hand.
3. Inhale through the nostrils and lift the buttocks off the legs arching the back and thrusting the abdomen forward and tilt the head as far back as possible.
4. Either hold the posture for the duration of the inhale breath or breath gently through the nostrils while holding the posture.
5. Exhale and return to the kneeling position.

Comments:

The *ushtra-asana* is a powerful posture for stretching the spine, back muscles, shoulders and arms. It is best to practice it later in your *asana* routine after most of the muscles are limber and and you have worked the back and shoulders.

Duration/Repetitions:

Hold the posture for the duration of the inhaled breath. If you choose to breath while holding the *ushtra- asana*, hold it for between thirty seconds to one minute. Repeat the posture three times.

30. Vajra – asana – The Thunderbolt Pose



Posture: *Vajra-asana*

The Thunderbolt or Diamond Pose Translation: The Sanskrit word *vajra* means thunderbolt or diamond.

Pronunciation: vuh-drah-sa-na

Difficulty: (2)

Instructions:

1. The vajra-asana is a seated posture. Begin by sitting back on your heels and placing your knees, legs and feet together.
2. Keeping the back straight place the palms of your hands down on top of your thighs.
3. Breath gently thorough your nostrils and sit in this position for at least three minutes.

Comments:

The *vajra-asana* is a versatile posture well suited for meditation, rest in between other seated postures, or as an aid to digestion.

The *vajra-asana* is the position in various other yoga postures such as the *anjaneya-asana* (salutation posture) and the *ushtra-asana* (the camel).

Duration/Repetitions:

The *vajra-asana* can be held for as long as is comfortable (and depending on the reason for doing the posture).

31. Vira – asana – The Hero Pose

Posture: *Vira-asana* - The Hero Pose

Translation: The Sanskrit word *vira* means hero, brave or eminent man, or warrior.

Pronunciation: veer-ah-sa-na

Difficulty: (2)

Instructions:

1. Kneel on the floor with the calves and tops of the feet flat on the floor and the thighs touching.
2. Slowly spread the feet, about shoulder distance apart, while keeping the knees together. Place the buttocks flat on the floor. The outer sides of the thighs are touching the inner sides of the calves and the soles of the feet are exposed facing up. Place the hands palms down, on the knees and form a circle with the thumb and forefinger (in the chin-mudra) while pointing the other fingers straight ahead.
3. Breathe slowly and deeply through the nostrils and remain motionless for six complete breaths (an inhale and exhale is one complete breath).

4. Inhale slowly and stretch the arms straight up over the head and interlock the fingers with the palms pushed upward. Remain in this position for six complete breaths.
5. Exhale slowly, release the fingers and slowly bend forward at the waist while placing the palms of the hands flat on the soles of the feet. Place the chin between the knees.
6. Hold this position for the duration of six complete breaths. Inhale, raise the chest up, stretch the legs straight ahead and place the hands, palms down, on top of the thighs.

Comments:

The *vira-asana* is an alternative to the *padma-asana*, *siddha-asana*, as well as other seated postures, for mediation and *pranayama*.

Duration/Repetitions:

Hold the posture from several minutes as part of an *asana* session or for the duration of your meditation or *pranayama*.

Variations:

The *Supta-vira-asana* variation (*supta* is the Sanskrit word for "lying down") stretches the abdominal muscles and relieves pain and discomfort in the legs. Begin the posture as detailed above then incline backwards and lean the back on the floor. The arms are stretch straight above the shoulders and kept flat on the floor.

32. Vriksha – asana – The Tree Pose

Posture: *Vriksha-asana* - The Tree Pose **Translation:** The Sanskrit word *vriksha* means tree, thus this is the Tree

Posture.

Pronunciation: vrik-shah-sa-na

Difficulty: (3-4)

"Standing straight on the left leg, bend the right leg and place the right foot on the root of the left thigh. Stand thus like a tree on the ground. This is called *vriksha-asana*."

Gheranda-samhita II.36

Instructions:

1. Stand with the feet together and the arms by your sides (see the *tad-asana*).
2. Bend the right leg at the knee, raise the right thigh and bring the sole of the right foot as high up the inside of the left thigh as possible.
3. Balancing on the left foot, raise both arms over the head keeping the elbows unbent and joining the palms together. Hold the posture while breathing gently through the nostrils for about 10 complete breaths.
4. Lower the arms and right leg and return to the *tad-asana*, standing position with feet together and arms at the sides. Pause for a few moments and repeat on the opposite leg.

Comments:

The challenge of the *vriksha-asana* is maintaining balance on one leg. Poor balance is often the result of a restless mind or distracted attention. Regular practice of this posture will help focus the mind and cultivate concentration (*dharana*).

When practicing *vriksha-asana* it may help to imagine or picture a tree in the mind and apply the following technique: Imagine that the foot you are balanced on is the root of the tree and the leg is the trunk.

Continue by imagining the head and outstretched arms as the branches and leaves of the tree. You may be unsteady for a while and find the body swaying back and forth, but don't break the concentration. Like a tree bending in the wind and yet remaining upright, the body can maintain balance.

Aim to achieve the "rootedness" and firmness of a tree. Regular practice of the *vriksha-asana* improves concentration, balance and coordination. Because the weight of the entire body is balanced on one foot, the muscles of that leg are strengthened and toned as well.

As you advance in this posture and are able to remain standing for more than a few moments, try closing the eyes and maintaining your balance.

Duration/Repetitions:

Hold the *vriksha-asana* as long as your comfortably can. Repeat it two or three times on each leg.

33. Vrischika – asana – The Scorpion Pose

Posture: *Vrischika-asana*

The Scorpion Pose

Translation: *Vrischika* is the Sanskrit word for scorpion. This posture is so named because the body resembles a scorpion with its tail

arched above its head ready to sting its victim. Although it may not be a simple posture for beginners to perform, the Scorpion is not as difficult as it may at first seem.

Pronunciation: vrik-shah-sa-na

Difficulty: (7)

Instructions:

1. Kneel on the floor and lean forward placing the elbows and forearms flat on the floor with the palms facing down. Your arms should be placed about shoulder-distance apart.
2. Extend your head forward and lift it as high as possible.
3. Raise the buttocks and place the feet firmly on the bottoms the toes.
4. Inhale a swing the legs up and over the head while maintaining your balance. Bring the legs straight up over your head.
5. Slowly bend the knees and drop the legs toward the head being careful not to move too quickly or drop the legs to far while maintaining balance.
6. Reverse the steps above and return to a kneeling position.

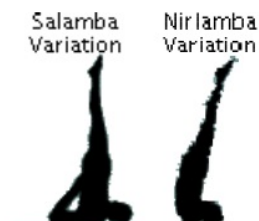
Comments:

The Scorpion should not be attempted until you are comfortable with all the balance postures (e.g.: Vriksha-asana, Ekapada-asana, etc.) as well as the Headstand (Sirsha-asana). Beginners should do this posture under the supervision of a qualified teacher. When first attempting the Scorpion asana you may want to try it while facing a wall. Position yourself so that when you are doing step #1 above your head is about 2 - 3 feet from the wall. This way if you lose your balance you can use the wall for support.

This posture will provide maximum stretch to the neck, spine and chest. It combines many of the benefits of the Chakra-asana (the Wheel posture) and the Sirsha-asana (the Headstand).

Duration/Repetitions:

Hold the vrischika-asana for as long as you are comfortable. Keep in mind that returning from the posture gracefully without falling out of it will take some strength, so don't hold it too long. 20-30 seconds is fine for early attempts, increase the time gradually as you become more proficient.

**Variations:**

There are two common variations to this posture illustrated and described below:

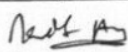
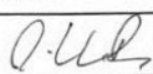
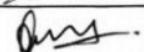
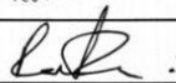
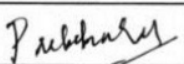
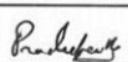
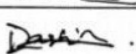
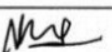
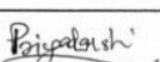
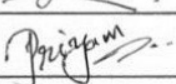


To do the first variation, illustrated above, after entering the Scorpion as described above slowly raise the legs straight up until your feet are directly over your head (you won't, of course, be able to *see* this but you will easily be able to *feel* when they are properly positioned). This variation requires a bit more strength and a stronger sense of balance than pose described above.

ANNEXURE II

SRI LAKSHMI NARAYANA INSTITUTE OF MEDICAL SCIENCES

TOPIC: BENEFITS OF YOGA

SL.NO	University Reg. No.	NAME OF THE STUDENT	SIGNATURE
1	U12MB261	NAZIEF AHMED	
2	U12MB262	NIVEDHA N.	
3	U12MB263	NIVEDITA M.	
4	U12MB264	NIVETHA R.	
5	U12MB265	NOMBARASAN.N.A	
6	U12MB266	PARIDASAN .P	
7	U12MB267	PAVITHRAN.D	
8	U12MB268	PETA SUPREEYANTH	
9	U12MB269	PRABAKARAN G.	
10	U12MB270	PRABAKARAN .K	
11	U12MB271	PRADEEPA.M	
12	U12MB272	PRIADHARSHINI S.	
13	U12MB273	PRITHIVRAJ.G.	
14	U12MB274	PRIYADHARSHINI.K	
15	U12MB275	PRIYAM KRISHNATREYA	
16	U12MB276	PRIYANGA M.	

Annexure - III

BENEFITS OF YOGA

MULTIPLE CHOICE QUESTIONS

Course Code: PSM01

I. ANSWER ALL THE QUESTIONS

1. Which of the following is a reported benefit of regular yoga?
 - a. Reduced stress
 - b. Reduced risk of lower back pain
 - c. Improvements in flexibility
 - d. All of the above

2. True or False. Yoga as the only form of exercise may create some physical deficiencies in health related fitness.
 - a. True
 - b. False

3. One of the proposed methods for yoga's benefit in physical as well as mental health is via_____.
 - a. Sympathetic nervous system excitation
 - b. Stretch-shortening cycles
 - c. Down-regulation of the hypothalamic-pituitary-adrenal axis and sympathetic nervous system
 - d. Up-regulation of the speed/velocity/tension relationship

4. Which of the following measured outcomes is traditional exercise superior to yoga?
 - a. Stress reduction
 - b. Physical fitness
 - c. Lower back pain reduction

- d. All of the above
5. Hatha yoga_____ at improving strength and cardiovascular fitness in healthy or trained individuals.
- a. Is ineffective
 - b. Is effective
 - c. Extremely effective
 - d. Should be an integral part of programs aimed
6. Clinical trials equate the metabolic costs of yoga to_____.
- a. Running at 7 mph
 - b. Playing 3-on-3 basketball
 - c. Sleeping
 - d. Walking ~3 mph
7. When compared to walking at 3.5 mph, Hatha yoga required_____.
- a. 25% more oxygen but 21% lower HR
 - b. 54% lower oxygen and 53% higher HR
 - c. 54% lower oxygen and 21% lower HR
 - d. 25% more oxygen but 53% higher HR
8. In clinical trials Hatha yoga has been shown to improve some levels of muscular fitness in which population?
- a. Sedentary
 - b. Physical active
 - c. Adolescent athletes
 - d. Highly trained aerobic individuals

9. Data from the Vitamin and Lifestyle cohort study from 2000-2002 shows that for the sedentary, overweight population, routine yoga participation of 4 or more years led to _____ when compared with their sedentary, overweight counterparts who did not participate in yoga.
- a. 5 lb weight gain of lean mass
 - b. 9.5 lb weight loss
 - c. 18.5 lb lower weight gain
 - d. 3.1 lb greater weight gain
10. True or False. Yoga should be used as a positive adjunct to aerobic exercise and resistance training in fit populations to maintain health, slow weight gain, and reduce stress, while improving posture and flexibility.
- a. True
 - b. False



**SRI LAKSHMI NARAYANA INSTITUTE OF HIGHER EDUCATION
AND RESEARCH**

Annexure - IV

BENEFITS OF YOGA

MULTIPLE CHOICE QUESTIONS

Course Code: PSM01

I. ANSWER ALL THE QUESTIONS

1. Which of the following is a reported benefit of regular yoga?
 - a. Reduced stress
 - b. Reduced risk of lower back pain
 - c. Improvements in flexibility
 - ☒ d. All of the above

2. True or False. Yoga as the only form of exercise may create some physical deficiencies in health related fitness.
 - a. True
 - ☒ b. False

3. One of the proposed methods for yoga's benefit in physical as well as mental health is via _____.
 - ☒ a. Sympathetic nervous system excitation
 - b. Stretch-shortening cycles
 - c. Down-regulation of the hypothalamic-pituitary-adrenal axis and sympathetic nervous system
 - d. Up-regulation of the speed/velocity/tension relationship

4. Which of the following measured outcomes is traditional exercise superior to yoga?
 - a. Stress reduction
 - b. Physical fitness
 - c. Lower back pain reduction
 - ☒ d. All of the above

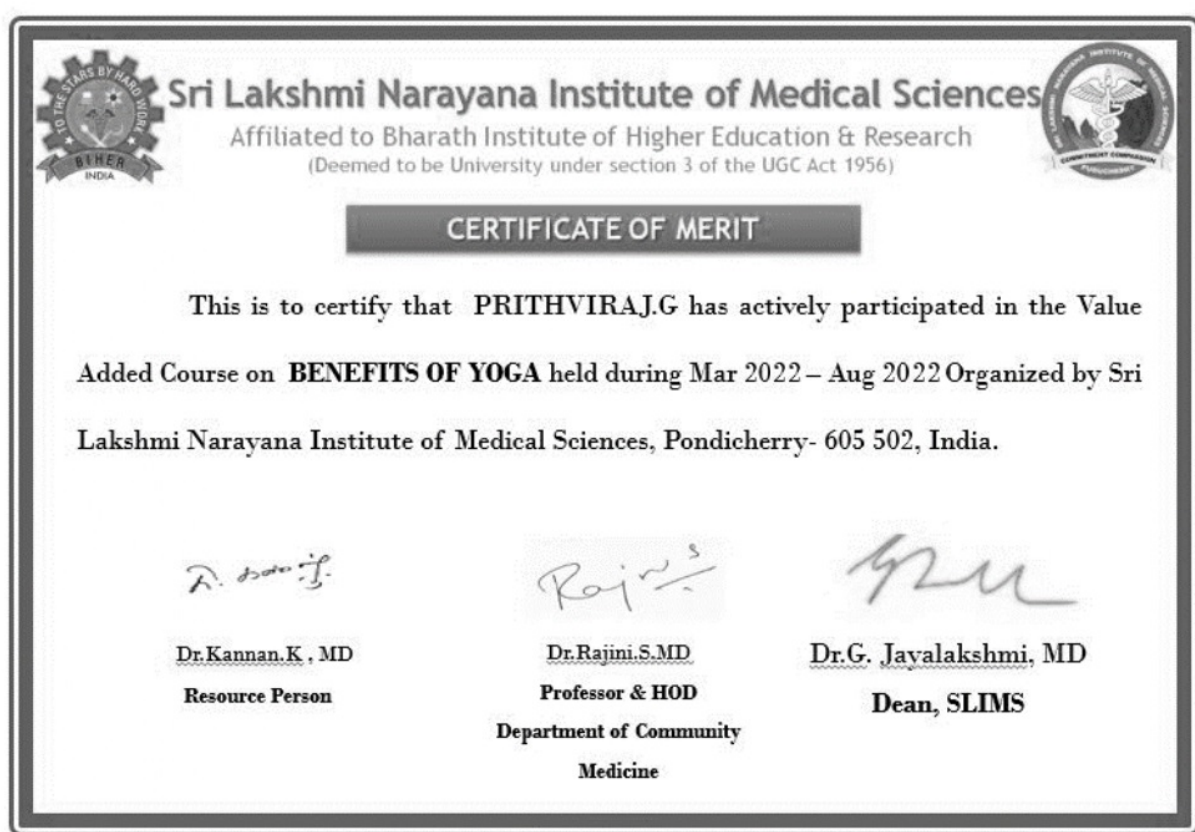
5. Hatha yoga _____ at improving strength and cardiovascular fitness in healthy or trained individuals.
 - a. Is ineffective
 - b. Is effective
 - ☒ c. Extremely effective
 - d. Should be an integral part of programs aimed

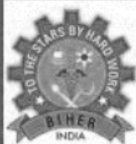


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AND RESEARCH**

6. Clinical trials equate the metabolic costs of yoga to _____.
- a. Running at 7 mph
 - b. Playing 3-on-3 basketball
 - c. Sleeping
 - d. ☒ Walking ~3 mph
7. When compared to walking at 3.5 mph, Hatha yoga required _____.
- a. ☒ 25% more oxygen but 21% lower HR
 - b. 54% lower oxygen and 53% higher HR
 - c. 54% lower oxygen and 21% lower HR
 - d. 25% more oxygen but 53% higher HR
8. In clinical trials Hatha yoga has been shown to improve some levels of muscular fitness in which population?
- a. ☒ Sedentary
 - b. Physical active
 - c. Adolescent athletes
 - d. Highly trained aerobic individuals
9. Data from the Vitamin and Lifestyle cohort study from 2000-2002 shows that for the sedentary, overweight population, routine yoga participation of 4 or more years led to _____ when compared with their sedentary, overweight counterparts who did not participate in yoga.
- a. 5 lb weight gain of lean mass
 - b. ☒ 9.5 lb weight loss
 - c. 18.5 lb lower weight gain
 - d. 3.1 lb greater weight gain
10. True or False. Yoga should be used as a positive adjunct to aerobic exercise and resistance training in fit populations to maintain health, slow weight gain, and reduce stress, while improving posture and flexibility.
- a. ☒ True
 - b. False

ANNEXURE IV





Sri Lakshmi Narayana Institute of Medical Sciences

Affiliated to Bharath Institute of Higher Education & Research
(Deemed to be University under section 3 of the UGC Act 1956)



CERTIFICATE OF MERIT

This is to certify that **NIVEDHA.N** has actively participated in the Value Added Course on **BENEFITS OF YOGA** held during Mar 2022 – Aug 2022 Organized by Sri Lakshmi Narayana Institute of Medical Sciences, Pondicherry- 605 502, India.

Dr.Kannan.K , MD

Resource Person

Dr.Rajini.S.MD

Professor & HOD
Department of Community
Medicine

Dr.G. Javalakshmi, MD

Dean, SLIMS

ANNEXURE V

Student Feedback FormCourse Name: **BENEFITS OF YOGA**Subject Code: **PSM01**Name of Student: PRİYANKA . M Roll No.: V12 HB276

We are constantly looking to improve our classes and deliver the best training to you. Your evaluations, comments and suggestions will help us to improve our performance

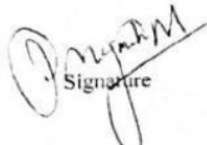
Sl. NO	Particulars	1	2	3	4	5
1	Objective of the course is clear				✓	
2	Course contents met with your expectations				✓	
3	Lecturer sequence was well planned			✓		
4	Lectures were clear and easy to understand					✓
5	Teaching aids were effective				✓	
6	Instructors encourage interaction and were helpful					✓
7	The level of the course				✓	
8	Overall rating of the course	1	2	3	4	5

* Rating: 5 - Outstanding; 4 - Excellent; 3 - Good; 2 - Satisfactory; 1 - Not-Satisfactory

Suggestions if any:

The programme was useful.

Date: 08/08/2022


Signature

Student Feedback Form

Course Name: **BENEFITS OF YOGA**

Subject Code: **PSM01**

Name of Student: NIVEDITA M Roll No.: U12HB263

We are constantly looking to improve our classes and deliver the best training to you. Your evaluations, comments and suggestions will help us to improve our performance

Sl. NO	Particulars	1	2	3	4	5
1	Objective of the course is clear				✓	
2	Course contents met with your expectations				✓	
3	Lecturer sequence was well planned					✓
4	Lectures were clear and easy to understand					✓
5	Teaching aids were effective				✓	
6	Instructors encourage interaction and were helpful			✓		
7	The level of the course					✓
8	Overall rating of the course	1	2	3	4	5

* Rating: 5 - Outstanding; 4 - Excellent; 3 - Good; 2 - Satisfactory; 1 - Not Satisfactory

Suggestions if any:

The programme was useful.

Date: 08/08/2022


 Signature



Sri Lakshmi Narayana Institute of Medical Sciences
OSUDU, AGARAM VILLAGE, VILLIANUR COMMUNE, KUDAPAKKAM POST,
PUDUCHERRY - 605502

Date 9.08.22

From
 Dr.S.Rajini
 Professor and Head,
 Department of Community Medicine,
 Sri Lakshmi Narayana Institute of Medical Sciences
 Bharath Institute of Higher Education and Research,
 Chennai.

Through Proper Channel

To
 The Dean,
 Sri Lakshmi Narayana Institute of Medical Sciences
 Bharath Institute of Higher Education and Research,
 Chennai.

Sub: Completion of value-added course: Benefits of Yoga

Dear Sir,

With reference to the subject mentioned above, the department has conducted the value-added course titled: **Benefits of Yoga** from March 2022 to August 2022. We solicit your kind action to send certificates for the participants, that is attached with this letter. Also, I am attaching the photographs captured during the conduct of the course.

Kind Regards

P. Rajini
 DEAN, SRI LAKSHMI NARAYANA INSTITUTE OF MEDICAL SCIENCES
 BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
 CHENNAI - 600 009

Dr.S.Rajini

Encl: Certificates

Photographs

